

Listing of Claims

1. (Currently Amended) A method for reproducing an optical disc having a plurality of titles, comprising ~~the steps of~~:

a) detecting respective playback times of said titles of said optical disc, wherein the playback times for each of said titles are included with management information stored in a predetermined area of the disc; and

b) selecting and reproducing any one of said titles of said optical disc with reference to the detected title playback times.

2. (Original) The method as set forth in claim 1, wherein said steps a) and b) are performed when a user selects an instant play mode in a title menu.

3. (Original) The method as set forth in claim 1, wherein said optical disc having said plurality of titles is a digital versatile disc (DVD).

4. (Original) The method as set forth in claim 1, wherein said step a) includes the steps of:

a-1) retrieving navigation information of said optical disc; and

a-2) detecting the respective playback times of said titles on the basis of the retrieved navigation information.

5. (Original) The method as set forth in claim 4, wherein said navigation information includes information about the number of said titles, information about respective start addresses of said titles and information about the respective playback times of said titles.

6. (Original) The method as set forth in claim 5, wherein:
said titles each include video data stored separately in predetermined units;
said navigation information further includes information about playback orders of said video data and information about playback times of said video data together; and
said playback time of each of said titles is detected as the sum of said playback times of said video data.

7. (Original) The method as set forth in claim 1, wherein said step b) comprises the step of selecting and reproducing a title with a longest one of the detected title playback times among said titles.

8. (Currently Amended) A method for reproducing an optical disc having a plurality of titles, comprising the steps of:

a) receiving a user's request to perform an all disc successive play operation with respect to a plurality of discs loaded in an optical disc apparatus;

b) identifying a type of a specific disc to be currently reproduced among said plurality of discs;

c) if the identified disc type corresponds to said optical disc having a plurality of titles, detecting respective playback times of a plurality of titles of said specific disc, wherein the playback times for each of said titles are included with management information stored in a predetermined area of the disc; and

d) selecting and reproducing any one of said titles of said specific disc with reference to the detected title playback times.

9. (Original) The method as set forth in claim 8, wherein said specific disc having a plurality of titles is a DVD.

10. (Original) The method as set forth in claim 8, wherein said step c) comprises the step of detecting the respective playback times of said titles of said specific disc on the basis of navigation information of said specific disc.

11. (Original) The method as set forth in claim 10, wherein:
said titles each include video data stored separately in predetermined units;
said navigation information includes information about playback orders of said video data and information about playback times of said video data together; and
said playback time of each of said titles is detected as the sum of said playback times of said video data.

12. (Original) The method as set forth in claim 8, wherein said step d) comprises the step of selecting and reproducing a title with a longest one of the detected title playback times among said titles.

13. (Original) The method as set forth in claim 8, further comprising the step of:
e) if the reproduction of said specific disc is completed, then successively reproducing a next one of said plurality of discs.

14-17. (Cancelled)

18. (Currently Amended) A method for reproducing an optical disc having a plurality of titles, comprising the steps of:

a) identifying a type of a specific optical disc located at a position readable by an optical pickup when an all disc repeat play mode is set in a multi-disc changer under the condition that a plurality of optical discs including the specific optical disc are loaded in said multi-disc changer, said changer being adapted to wait at a menu picture before or after DVD reproduction in a general play mode;

b) if the identified optical disc type corresponds to a DVD, forcibly reproducing ~~any~~ one of a plurality of titles recorded on said DVD on the basis of navigation information stored in a predetermined area of said DVD said navigation information including playback times for each of said titles, the one of said titles forcibly reproduced selected based on a corresponding one of the playback times stored in said predetermination of the playback times stored in said predetermined area of the DVD;

c) terminating the reproduction of said DVD by force if the title reproduction is completed; and

d) rotating a multi-tray in order for the disc seated in a next slot to be located at said position readable by said optical pickup.

19. (Original) The method as set forth in claim 18, wherein said forcible reproduction and termination are performed by omitting the operation of waiting at said menu picture before or after the DVD reproduction.

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20. (Original) The method as set forth in claim 18, wherein said step b) comprises the step of selecting and forcibly reproducing a title with a longest playback time among said titles recorded on said DVD.